Amendments to the Claims:

Please amend claims 2, 14, 22, 30, 32, 33 and 34 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Withdrawn). An image processing apparatus comprising:

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image input means for getting a plurality of image parts dividing one composition such that the image parts have overlapping areas, each having the same image of an object in the overlapping area as in the overlapping area of the next image part;

correction parameter setting means for setting a correction parameter necessary to correct at least distortion of said plurality of image parts generated in each overlap area or a difference between the image parts, said correction parameter setting means being allowed to be manually operated by a user to set the correction parameter;

image correcting means for correcting at least one image part of said plurality of image parts in accordance with said set

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correction parameter to eliminate at least distortion of said plurality of image parts generated in each overlap area or the difference between the image parts;

image joining means for sequentially joining the plurality of image parts corrected by said image correcting means in said overlap area to restore said one composition;

image display means for displaying at least said plurality of image parts input by said image input means or said image parts corrected by said image correction means; and

optimal parameter setting means for determining, as an optimal value, the correction parameter set by said correction parameter setting means, when it is judged by the user from display by said image display means that correction is sufficiently performed by said image correcting means.

Claim 2 (Currently Amended). An image processing apparatus comprising:

image input means for inputting a plurality of images of one composition which are picked up under different exposure conditions;

correction parameter calculating means for determining correction parameters between the plurality of images <u>based on the plurality of images</u> input from the image input means;

wherein the correction parameter calculating means

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image display means for displaying the plurality of images input from the image input means;

correction parameter setting means for adjusting the correction parameters determined by the correction parameter calculating means, while differences in brightness between the plurality of images displayed by the image display means are being checked by a user; and

brightness correcting means for correcting the brightness of said at least one image in accordance with the correction parameters adjusted by the correction parameter setting means; and

image synthesizing means for synthesizing the plurality of images including said at least one image, the brightness of which is corrected by the brightness correcting means.

Claim 3 (Cancelled).

Claim 4 (Cancelled).

Claim 5 (Withdrawn). The image processing apparatus according to claim 1 or 2, wherein said image correcting means corrects the image by changing the correction parameter in accordance with differences in image magnification between a plurality of images displayed by said image display means.



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Claim 6 (Cancelled).

Claim 7 (Withdrawn). The image processing apparatus according to claim 1 or 2, wherein said image correcting means corrects the image by changing the correction parameter in accordance with differences in color data between a plurality of images displayed by said image display means, and wherein said color data is at least one of hue, saturation, and intensity.

Claim 8 (Cancelled).

Claim 9 (Withdrawn). The image processing apparatus according to claim 1 or 2, wherein said image correction means corrects the image by changing the correction parameter in

accordance with peripheral reduction light of one image display

by said image display means or in accordance with differences in

peripheral reduction light between a plurality of images

displayed by said image display means.

Claim 10 (Previously Presented). The image processing apparatus according to claim 2, wherein the correction parameters determined by the correction parameter calculating means are exposure time ratios at which the plurality of images to be input by the image input means are picked up, respectively, and the correction parameter setting means has a function of displaying an imaginary adjustment knob on a display screen of the image display means such that each of the exposure time ratios is adjustable by a user.

Claim 11 (Cancelled).

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Claim 12 (Currently Amended). The image processing apparatus according to claim 9, wherein further comprising correction parameter storing means for storing one or a plurality sets of said correction parameters used in correcting said image in connection with the name of the imaging apparatus used to take

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the image, and said correction parameter setting means selects a desired set of correction parameters from the correction parameters stored in said correction parameter storing means.

Claim 13 (Withdrawn). An image processing method comprising:

an image input step of getting a plurality of image parts dividing one composition such that the image parts have overlapping areas, each having the same image of an object in the overlapping area as in the overlapping area of the next image part;

a correction parameter setting step of setting a correction parameter necessary to correct at least image distortion or image difference occurring in the overlapping areas of each image part, said correction parameter setting step being allowed to be manually operated by a user to set the correction parameter;

an image correcting step of correcting at least one of said plurality of image parts in accordance with said correction parameters, thereby to correct distortion of images or image difference occurring in at least the overlapping area of each image part;

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a composition restoring step of restoring said composition by sequentially combining said plurality of image parts corrected, one to another, with overlapping the same at overlapping areas; and

an image displaying step for displaying at least said plurality of image parts input or said plurality of image parts corrected; and

an optimal parameter setting step for determining, as an optimal value, the correction parameter set by said correction parameter setting step, when it is judged by the user from display during said image displaying step that correction is sufficiently performed by said image correcting step.

Claim 14 (Currently Amended). An image processing method comprising:

an image input step of inputting a plurality of images of one composition which are picked up under different exposure conditions;

a correction parameter calculating step of determining correction parameters between the plurality of images <u>based on</u>

the plurality of images input during the image input step;

wherein the correction parameter calculating step comprises:

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an image display step of displaying the plurality of images input during the image input step;

a correction parameter setting step of adjusting the correction parameters determined during the correction parameter calculating step, while differences in brightness between the plurality of images displayed during the image display step are being checked by a user;

a brightness correcting step of correcting the brightness of said at least one image in accordance with the correction parameters adjusted during the correction parameter setting step; and

an image synthesizing step of synthesizing the plurality of images including said at least one image, the brightness of which is corrected during the brightness correcting step.

Claim 15 (Cancelled).

Claim 16 (Cancelled).

Claim 17 (Withdrawn). The image processing method according to claim 13 or 14, wherein said image correcting step is to change the correction parameter in accordance with differences in

image magnification between a plurality of images displayed in said image displaying step.

Claim 18 (Cancelled).

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Claim 19 (Withdrawn). The image processing method according to claim 13 or 14, wherein said image correcting step is to is to correct the image by changing the correction parameters in accordance with peripheral reduction light of one image displayed in said image displaying step or in accordance with differences in peripheral reduction light between a plurality of images displayed in said image displaying step.

Claim 20 (Previously Presented). The image processing method according to claim 14, wherein said correction parameters determined during the correction parameter calculating step are exposure time ratios at which the plurality of images to be input during the image input step are picked up, respectively, and the correction parameter setting step displays an imaginary adjustment knob on a display screen such that each of the exposure time ratios is adjustable by a user.

Claim 21 (Withdrawn). A recording medium recording computer programs for restoring an image by combining a plurality of image parts divided from one composition, each image part having the same image of an object in an overlapping area, said recording medium recording:

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an image inputting program for inputting said plurality of image parts;

a correction parameter setting program for setting correction parameters indispensable for correcting image distortion or image difference occurring in at least the overlapping areas of each image part, said correction parameter setting program being allowed to be manually operated by a user to set the correction parameter;

an image correcting program for correcting at least one of said plurality of image parts in accordance with said correction parameters, thereby to correct distortion of images or image difference occurring in at least the overlapping areas of each image part;

a composition restoring program for restoring said composition by sequentially combining said plurality of image parts corrected, one to another, with overlapping the same at overlapping areas; and

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an image displaying program for displaying said plurality of images input, or at least one of said plurality of image parts corrected; and

an optimal parameter setting program for determining, as an optimal value, the correction parameter set by said correction parameter setting program, when it is judged by the user from display of said displaying program that correction is sufficiently performed by said image correction program.

Claim 22 (Currently Amended). A recording medium recording computer programs a computer program for correcting a plurality of images obtained by taking one composition with different exposures, to provide an image having a desired brightness, said recording medium comprising:

an image inputting program for inputting a plurality of images of one composition which are picked up under different exposure conditions;

a correction parameter calculating program for determining correction parameters between the plurality of images <u>based on</u> the plurality of images input from the image inputting program;

wherein the correction parameter calculating program
comprises:

an image display program for displaying the plurality

of images input from the image inputting program;

a correction parameter setting program for adjusting the correction parameters determined by the correction parameter calculating program, while differences in brightness between the plurality of images displayed by the image display program are being checked by a user;

a brightness correcting program for correcting the brightness of said at least one image in accordance with the correction parameters adjusted by the correction parameter setting means program; and

an image synthesizing program for synthesizing the plurality of images including said at least one image, the brightness of which is corrected by the brightness correcting means program.

Claim 23 (Cancelled).

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Claim 24 (Cancelled).

Claim 25 (Withdrawn). The recording medium according to claim 21 or 22, wherein said image correcting program is designed

to correct the image by changing the correction parameter in accordance with differences in image magnification between a plurality of images displayed in accordance with said image displaying program.

Claim 26 (Cancelled).

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Claim 27 (Withdrawn). The recording medium according to claim 21 or 22, wherein said image correcting program is designed to correct the image by changing the correction parameter in accordance with peripheral reduction light of one image displayed by using said image displaying program, or in accordance with differences in peripheral reduction light between a plurality of images displayed in said image displaying step.

Claim 28 (Previously Presented). The recording medium according to claim 22, wherein said correction parameters determined by the correction parameter calculating program are exposure time ratios at which the plurality of images to be input by the image inputting program are picked up, respectively, and the correction parameter setting program has a function of displaying an imaginary adjustment knob on a display screen

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during the image display step such that each of the exposure time ratios is adjustable by a user.

Claim 29 (Previously Presented). The image processing apparatus according to claim 2, wherein the correction parameters determined by the correction parameter calculating means are aperture ratios at which the plurality of images to be input by the image input means are picked up, respectively, and the correction parameter setting means has a function of displaying an imaginary adjustment knob on a display screen of the image display means such that each of the aperture ratios is adjustable by a user.

Claim 30 (Currently Amended). An image processing apparatus comprising:

an image input device which inputs a plurality of images of one composition which are picked up under different exposure conditions;

a correction parameter calculator which determines correction parameters between the plurality of images <u>based on the plurality of images</u> input from the image input device; wherein the correction parameter calculator comprises:

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an image display device which displays the plurality of images input from the image input means device;

a correction parameter setting device which adjusts the correction parameters determined by the correction parameter calculator, while differences in brightness between the plurality of images displayed by the image display device are being checked by a user;

a brightness corrector which corrects the brightness of said at least one image in accordance with the correction parameters adjusted by the correction parameter setting device; and

an image synthesizing device which synthesizes the plurality of images including said at least one image, the brightness of which is corrected by the brightness corrector.

Claim 31 (Previously Presented). The image processing apparatus according to claim 30, wherein the correction parameters determined by the correction parameter calculator are exposure time ratios at which the plurality of images to be input by the image input device are picked up, respectively, and the correction parameter setting device has a function of displaying an imaginary adjustment knob on a display screen of the image

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display device such that each of the exposure time ratios is adjustable by a user.

Claim 32 (Currently Amended). The image processing apparatus according to claim 30, wherein the correction parameters determined by the correction parameter calculator means are aperture ratios at which the plurality of images to be input by the image input device are picked up, respectively, and the correction parameter setting device has a function of displaying an imaginary adjustment knob on a display screen of the image display device such that each of the aperture ratios is adjustable by a user.

Claim 33 (Currently Amended). The image processing apparatus method according to claim 14, wherein the correction parameters determined by the correction parameter calculating step are aperture ratios at which the plurality of images to be input during the image input step are picked up, respectively, and the correction parameter setting step has a function of displaying an imaginary adjustment knob on a display screen during the image display step such that each of the aperture ratios is adjustable by a user.

yhl gyd 5 Claim 34 (Currently Amended). The image processing apparatus recording medium according to claim 22, wherein the correction parameters determined by the correction parameter calculating program are aperture ratios at which the plurality of images to be input by the image inputting program are picked up, respectively, and the correction parameter setting program has a function of displaying an imaginary adjustment knob on a display screen such that each of the aperture ratios is adjustable by a